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U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

APRIL, 1916.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

1013. Capitol Refining Company, Alexandria County, Va., mail: Washington, D. C.

*828A. W. H. Bristol, Clarkston, Wash., mail: Lewiston, Idaho.

*1016. Oklahoma Stock Yards Serum Co., 1838 W. Hickory Street, mail: Stock Yards Station, Oklahoma, Okla.

*378. Nagle Packing Co., 681–687 Henderson Street, Jersey City, N. J.

Meat Inspection Discontinued.

1010. C. H. Paxton, Natural Bridge, Va.

* Conducts slaughtering.

Meat Inspection Reinaugurated Following Suspension.

*1000. The Universal Serum Co., First Street and St. Clair Avenue, East St. Louis, Ill.

2–Y. Armour & Co., East Liverpool, Ohio.

*952. William S. Corsa, Gregory Farm Laboratory, White Hall, Ill.

Meat Inspection Temporarily Suspended.

663. Reinicker & Alvey, Harford and Montebello Avenues, Baltimore, Md.

113. P. D. Hughes, 558 Berkley Street, Camden, N. J.

167. George Gregory, 4812 Parrish Street, Philadelphia, Pa.

*813. A. Darlington Strode, West Chester, Pa.

201. Henry Strecker, 2066 E. Tioga Street, Philadelphia, Pa.

627. D. M. Bodine, 32 South Stockton Street, Trenton, N. J.

765. John Groce & Son, Circleville, Ohio.

485. Thomas Harris, 443 West Forty-fifth Street, New York, N. Y.

628. W. W. Rose, 175 Pennington Avenue, Trenton, N. J.

427. Richardson & Robbins Co., Dover, Del.

*188. Clement E. Allen (Inc.), Media, Pa.

Changes in Addresses of Establishments.

1014. Mid West Sausage Works, 2750–2752 West Colfax Avenue, Denver, Colo., instead of 2748 Colfax Avenue.

785–A. Natchez Dressed Beef Co., 118 Commerce Street, Natchez, Miss., instead of 114 Commerce Street.

742. C. E. Nessle Packing Co., 80–82 Hudson Street, New York, N. Y., instead of 366 Washington Street.

2–G. Armour & Co., 186 Ft. Greene Place, Brooklyn, N. Y., instead of 96 North Sixth Street.

Change in Number of Establishment.

Nagle Packing Co., Dix Avenue, Detroit, Mich., number changed from *378 to 378–A.

Change in Name of Establishment.

*88. Butchers' Abattoir, North Augusta, S. C., mail: P. O. Box 506, Augusta, Ga.; instead of The Independent Butchers' Abattoir Co.

Stations Added.

East Liverpool, Ohio, substation of Pittsburgh, Pa.

White Hall, Ill., substation of National Stock Yards, Ill.

Stations Discontinued.

Dover, Del., substation of Philadelphia, Pa.

Media, Pa., substation of Philadelphia, Pa.

West Chester, Pa., substation of Philadelphia, Pa.

Circleville, Ohio, substation of Columbus, Ohio.

Natural Bridge, Va., substation of Richmond, Va.

Change of Official in Charge.

Dr. T. P. White, Federal Building, Mitchell, S. Dak., instead of Dr. R. M. Ward.

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* Conducts slaughtering.

Change in Addresses of Officials in Charge.

Dr. J. P. O'Leary, P. O. Box 91, Glenolden, Pa., instead of 405 Post Office Building, Philadelphia, Pa.

Dr. A. O. Lundell, 218 Live Stock Exchange Building, Fort Worth, Tex., instead of 7–8 Stock Yards National Bank Building.

Dr. H. M. Smith, 407–409 Federal Building, Providence, R. I., instead of 405–407 Federal Building.

NOTICES REGARDING MEAT INSPECTION.

BRANDS, LABELS, DIES, STENCILS, ETC.

The use of burning brands similar in all respects to approved ink brands may be permitted without further approval by the Washington office. However, this should not be construed as authorizing the use of unapproved ink brands prepared in simulation of approved burning brands.

Imprints of dies or stencils are all approved in blanket form in so far as concerns the statement of the net weight. Accordingly, imprints of dies or stencils which are similar to those previously approved in all respects except as to the figures denoting the weight of the product or the number and size of units in the package should not be submitted for approval.

Referring to notice in Service and Regulatory Announcements of March, 1914, page 33, under the caption "Lithograph Labels on Metal Containers," it should be noted that the statement of the net weight on lithograph labels renders the labels on the various sizes of the containers dissimilar and accordingly four copies of each size should be submitted for approval. This is found necessary in order to pass properly upon the prominence of the statement of the weight.

Letters of transmittal accompanying labels, etc., submitted to the Washington office for approval should contain the establishment number and the *exact* name under which inspection was granted. In cases where inspection has been granted an establishment under more than one name the principal name only need be given.

METHOD OF PACKING AND SEALING SAMPLES INVOLVING VIOLATION OF MEAT INSPECTION LAW.

Inspectors in charge of meat inspection are instructed to exercise great care in collecting and submitting to the laboratories samples of meat or meat food products which may involve violations of the meat-inspection law. All such samples should be forwarded to the laboratory in properly sealed packages. This is a matter of great importance, as testimony regarding samples not properly sealed will not be accepted by the courts. Before testimony regarding a sample transmitted by mail or express is accepted by the court, it must be shown on competent testimony, first, that the sample was taken from the material in question; second, that the sample was properly marked for identification and forwarded in a package so sealed as to prevent any tampering without breaking the seals; and third, that the sample marked and sealed was received by the laboratory with the seals or marks of identification indicated.

All samples that may be used in presenting testimony before courts should be sealed in the following manner. The sample should be placed in a 1-pound tin sample container and a M. I. Form 162, properly executed, attached. The initials of the collector should be marked on the bottom or side of the tin container with a sharp knife or file. The container so marked should then be wrapped in paper. A sheet of paper about 3 inches wider than the length of the container, and long enough to encircle it completely, should be used. The paper should be wrapped around the container and folded at the ends so that the container is completely inclosed. The ends of the package so formed should be sealed with sealing wax, and the wax im-

pressed, while still hot, with a small brass brand of one of the establishments at the station submitting the sample. Two more such wax seals should be placed on the seams of the wrapper at the side of the container. The sealed package should then be placed in a mailing case and forwarded to the laboratory in the usual manner.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, MARCH, 1916.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago	143,452	47,006	222,223	502	596,814
Fort Worth	22,200	4,222	10,225	4,364	126,503
Kansas City	72,582	5,736	119,131	211	205,473
National Stock Yards	32,330	5,536	31,211	546	115,983
Omaha	68,805	2,067	151,474	15	235,550
Sioux City	17,077	985	7,913	.....	83,365
South St. Joseph	22,731	1,546	69,089	4	156,320
All other establishments	217,880	122,374	259,216	451	1,910,137
Total—March, 1916	597,057	189,472	861,470	6,093	3,430,145
March, 1915	551,991	156,205	986,203	4,074	3,445,787
9 months ending March, 1916	5,716,303	1,318,708	9,373,405	103,700	31,191,963
9 months ending March, 1915	5,348,752	1,140,886	10,457,470	115,590	27,570,300

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during March, 1916, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico	7,634	214	3,163	1,706
Canada	4,285	10	126	5
Total—March, 1916	11,919	224	3,289	1,711
March, 1915	35,283	8,728	52	9
9 months ending March, 1916	394,092	4,481	198,652	76,931
9 months ending March, 1915	469,176	167,009	149,009	54,174

Imports of meats and meat food products, March, 1916.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total.
	Beef.	Other.			
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Argentina	2,145,293	4,014,265	.....	3,578	6,163,136
Canada	534,660	85,834	28,394	57,860	706,748
Uruguay	138,292	34,714	.....	.....	173,006
Other countries	.....	.....	13,971	7,834	21,805
Total—March, 1916	2,818,245	4,134,813	42,365	69,272	7,064,695
March, 1915	12,694,754	1,026,865	521,935	228,641	14,472,195
9 months ending March, 1916	76,132,949	19,055,512	2,239,808	1,481,303	98,899,572
9 months ending March, 1915	161,650,864	23,554,139	22,449,560	4,927,982	212,592,545

Condemned in March, 1916: Beef, 6,265 pounds. Refused entry: Beef, 1,696 pounds; pork, 1,106 pounds; total, 2,802 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
Canada.	
Robert Clegg, 1127 Keele Street, Toronto.	Robert Clegg
C. S. Dickinson, 1127 Keele Street, Toronto.	C. S. Dickinson.
G. P. McKenzie, 1127 Keele Street, Toronto.	G P McKenzie

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following additions have been made to the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Dr. G. A. Mackenzie, 2117 South Halsted Street, Chicago, Ill.

Dr. John S. Pollard, 183 Harrison Street, Providence, R. I.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

Additional licenses for the manufacture of veterinary biological products have been issued as follows for the calendar year 1916, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196).

Licenses for the manufacture of veterinary biological products.

License No.	Date of issue.	Name and address.	Products.
50	Apr. 21, 1916	United States Standard Serum Co., Chicago, Ill.	Polyvalent vaccine.
51	Apr. 14, 1916	Union Serum Co., Chicago and Prospect Streets, Sioux City, Iowa.	Anti-hog-cholera serum; hog-cholera virus.
57	Apr. 25, 1916	Mason S. Peters Serum Co., South St. Joseph, Mo.	Do.
83	.....	E. R. Squibb & Sons Research Laboratories, New Brunswick, N. J.	Additional products: Canine distemper vaccine; canine distemper antiserum.
96	Apr. 25, 1916	The Elmore Live Stock Co., Serum Department, P. O. Box 43, Peoria, Ill.	Anti-hog-cholera serum.

Cancellations, etc.

License No. 36, issued January 13, 1916, to the Lewisburg Laboratory, Lewisburg, W. Va., was surrendered March 1, 1916.

License No. 43, issued December 20, 1915, to the American Serum Co., 210 Central Street, Kansas City, Kans., was canceled April 28, 1916.

License No. 81, issued to the Superior Serum Co., Second and Meyers Avenue, Kansas City, Kans., was canceled April 14, 1916.

SUBSTANCES PERMITTED FOR OFFICIAL DIPPING.

The use of the following substances is permitted by the department in the official dipping of cattle and sheep for scabies:

"*Skabcura,*" a nicotin dip manufactured by the Nicotine Manufacturing Co., St. Louis, Mo. This dip is to be used at a strength of not less than five one-hundredths of 1 per cent of nicotin, as ascertained by "field test outfit N-3," with the addition of 2 per cent of flowers of sulphur or sulphur flour to prevent reinfection. This dilution may be obtained by a solution of 1 gallon of "Skabcura" to not more than 832 gallons of water.

"*Orchard brand lime and sulphur solution,*" a lime-and-sulphur dip, manufactured by the General Chemical Co., San Francisco, Cal. Dilution permitted: for cattle, 1 gallon to not more than 15 gallons of water; for sheep, 1 gallon to not more than 20¼ gallons of water.

TEXAS FEVER QUARANTINE—WITHDRAWAL OF PERMISSION FOR SHIPMENT OF SOUTHERN CATTLE TO CERTAIN PLACES FOR IMMEDIATE SLAUGHTER.

Referring to regulation 2 of B. A. I. Order 210, State and Federal permission has been withdrawn for the shipment of southern cattle for immediate slaughter to the following places:

Kansas: *Independence,* Bullock Bros. *Leavenworth,* Schalker Packing Co.

VIOLATIONS OF LAWS.

Fines were imposed in prosecutions for violations of regulatory laws as reported to the Bureau of Animal Industry during the month of April, 1916, as follows:

Meat-inspection law.

Charles H. Hinsdale, Silvernails, N. Y., $10.

David Gordon, Glen Wild, N. Y., $15.

Twenty-eight hour law.

Chicago, Burlington & Quincy Railroad Co. (3 cases), $300 and $22.22 costs.

Quarantine law.

Mobile & Ohio Railroad Co., interstate shipments in violation of Texas-fever regulations, $100 and costs.

Central of Georgia Railway Co., interstate shipments in violation of Texas-fever regulations, $100 and $14.10 costs.

REPORTS ON SERVICES OF PROBATIONARY APPOINTEES.

The probationary period required by law preliminary to absolute appointment is a supplement to the examination held by the Civil Service Commission in order to test, in a practical way, the fitness of the appointee for the work to which he is assigned. The department believes, therefore, that the character of the services performed by the probationer should be made a matter of appropriate record so that there may be no question as to the estimate placed upon his services by the official to whom he reports. With this end in view it has been directed that hereafter at least three reports relative to the service of each probationer shall be made in writing to the chief of the bureau by the officer under whose immediate supervision the probationer serves. These reports are to be submitted promptly at the end of the first, third, and fifth months.

A form will be sent to the veterinary inspector or other official in charge, calling for data concerning each probationer, a few days in advance of the expiration of the first, third, and fifth months, respectively, of his service. These forms will be mailed from the Washington office, without letter of transmittal, and the official in charge should fill in the necessary data at once and return the form immediately to the chief of the bureau. The form will be printed in copying ink in order that an impression copy may be retained of each report rendered.

TRAVEL ACCOUNTS.

Paragraph 89 (*d*) of the Fiscal Regulations requires that travel accounts show date and hour of each departure from and arrival at an official station. Treasury officials are insisting that this requirement be complied with. Employees will therefore act accordingly; otherwise, accounts will have to be returned for completion.

It is not sufficient to show in the itinerary reports the hour of each departure from and arrival at an official station. This information must be indicated in the account itself, for the reason that itinerary reports are retained by the bureau and do not go along with accounts to the Treasury Department.

PUBLICATIONS IN APRIL.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

The Effect of Water in the Ration on the Composition of Milk. By W. F. Turner, R. H. Shaw, R. P. Norton, and P. A. Wright, of the Dairy Division. Pp. 167–178, fig. 1. (Reprint from Journal of Agricultural Research, April 24, 1916.)

Effect of Pasteurization on Mold Spores. By Charles Thom, mycologist, Bureau of Chemistry, and S. Henry Ayers, bacteriologist, Dairy Division, Bureau of Animal Industry. Pp. 153–166, figs. 3. (Reprint from Journal of Agricultural Research, April 24, 1916.)

Farmers' Bulletin 713. Sheep Scab. By Marion Imes, veterinary inspector, Zoological Division. Pp. 36, figs. 21.

Amendment 5 to B. A. I. Order 209. Regulations for the Inspection and Quarantine of Horses, Cattle, Sheep, Swine, and Other Animals Imported into the United States. (Amends Regulation 1 by designating Sumas, Wash., as a quarantine station for entry of animals.)

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

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Assistant Chief: John R. Mohler.
Chief Clerk: Charles C. Carroll.
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